Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 20 Dec 2021 until 23:59 on Tuesday 21 Dec 2021

Forecast Issued on Monday 20 Dec 2021 at 00:42

Confidence: High pressure remains firmly in charge over the next few days bringing dry and settled conditions, although there is some uncertainty over the extent of cloud cover. Lower confidence for details from Wednesday as low pressure approaches.

Headline for Monday 20 Dec 2021: Low cloud will lift to bright or sunny spells. Light winds on the whole. Chilly.

Mountain weather hazards on Monday 20 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
<05%	<05%	00%	00%	00%	00%

Forecast for Monday 20 Dec 2021

Weather: Cloud will descend widely across the hills through the early hours leaving a dull, murky start to Monday with extensive poor visibility. A gradual improvement is expected through morning and especially afternoon as cloud lifts and gradually breaks. Some clear spells through evening, especially across western slopes, roughly west of the Pennine Way.

Chance of cloud free mountain/hill tops above 600m: Almost no chance initially, rising to 90% by afternoon.

Visibility: Thick cloud above 300-400m expected across most areas until mid to late morning, this giving tricky navigation conditions. As this lifts above the tops, visibility will become very good with distant views on offer. The odd patch may persist around 500m, however.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 20 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/18 E	13/19 E	11/15 E	10/16 E	10/17 E	9/15 E	7/11 E
300	4/9 SE	6/12 E	7/11 E	6/11 E	4/6 SE	3/5 SE	3/5 SE
Valley	4/11 E	6/13 E	7/12 E	6/12 E	5/13 E	5/10 E	5/7 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-2	1/-4	1/-4	0/-4	0/-4	-0/-4	-0/-4
300	4/2	4/1	4/1	3/1	2/0	2/0	1/-0
Valley	4/3	4/2	5/2	4/2	2/-1	2/-1	1/-1
Freezing Level*	900m	800m	700m	600m	500m	400m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Best of the brightness expected through afternoon with some sunshine likely. Light winds, but still feeling cold.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 20 Dec 2021	0.4mm	0.6mm	1mm

Forecast for Tuesday 21 Dec 2021

Weather: Whilst there is some uncertainty over the extent of cloud cover, this is expected to be less extensive compared to Monday which should give lengthy spells of winter sunshine. High cloud will tend to build later in the day to turn sunshine hazy. Dry through evening with some patches of mist or fog likely to develop in the valleys.

Maximum wind: Southeast 5-10mph.

Chance of cloud free mountain/hill tops above 600m: 80%

Visibility: Low level cloud is not expected to feature to any great extent, although a few areas are possible in the 300-500m range, mainly through morning as well as some patchy fog in the valleys. Away from these, distant landmarks will be clearly visible.

Temperature: **Valleys:** Around freezing, rising to plus 2 or 3 Celsius through the middle of the day.
At 600m: Minus 1 or 2 Celsius.
Freezing level: Valley floors to 200m.

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